### [Assignment 2](https://ada.blackboard.com/webapps/assignment/uploadAssignment?content_id=_70439_1&course_id=_2990_1&group_id=&mode=view)

Design a circuit that simulates the behavior of a traffic light system.

Traffic lights have three colors - red, yellow, green. Colors alternate in the following way green->yellow->red->yellow->green, and this process continues infinitely.

There is a specific delay between transitions from each color, **G** seconds from green, **Y** seconds from yellow and **R** seconds from red.

You should submit a **single .circ file** that simulates traffic light system. For counting seconds between transitions you should explicitly use counter that you have designed during the classes. Numbers G, Y and R should be chosen as follows: **G** = last two digits of your student ID, **Y** = number of month in your birth date, **R** = day in your birth date.**Do not forget to mention these values in a text label within the circuit.**

**Deadline: 14.11.2019.**